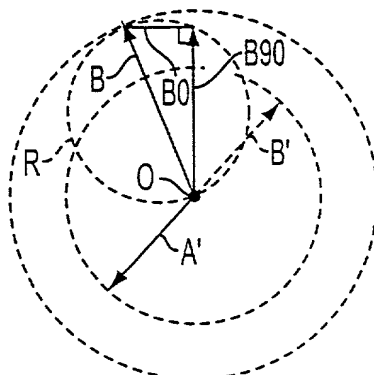
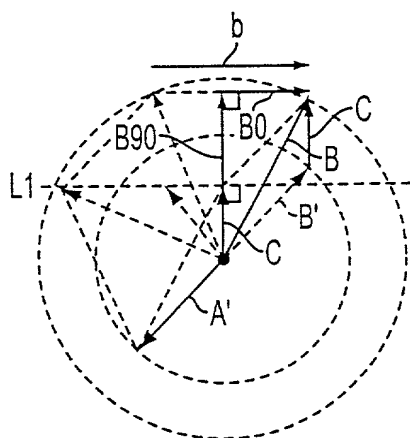


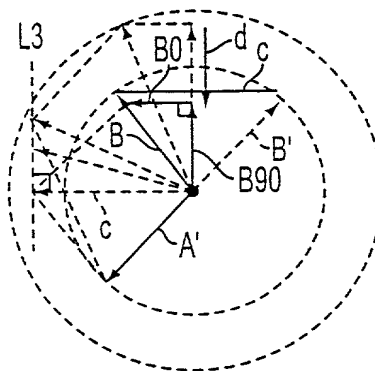
FIG. 2



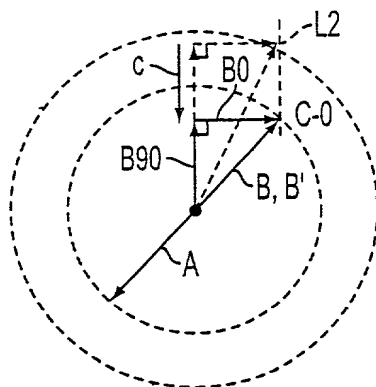
INITIAL STATUS
FIG. 3A



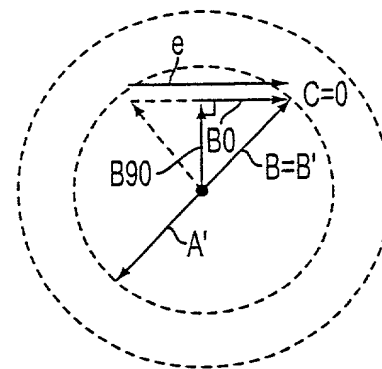
B0 AMPLITUDE CONTROL
FIG. 3B



B90 AMPLITUDE CONTROL
FIG. 3D



B90 AMPLITUDE CONTROL
FIG. 3C



B0 AMPLITUDE CONTROL
FIG. 3E

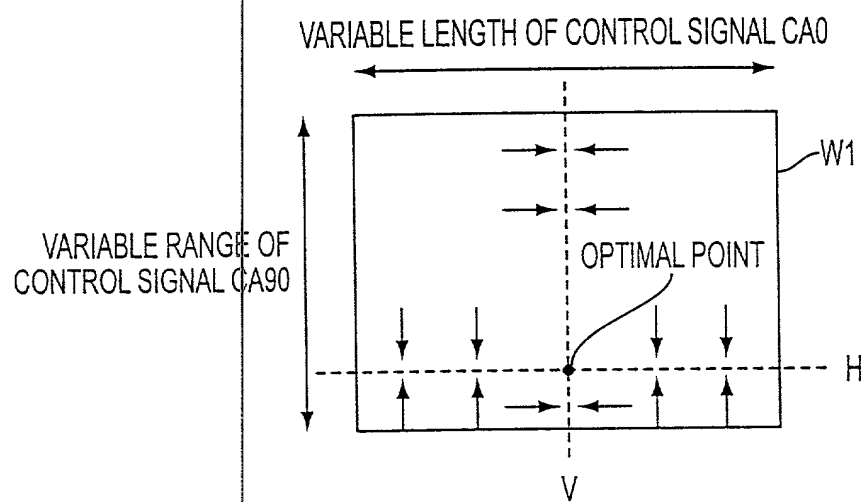


FIG. 4

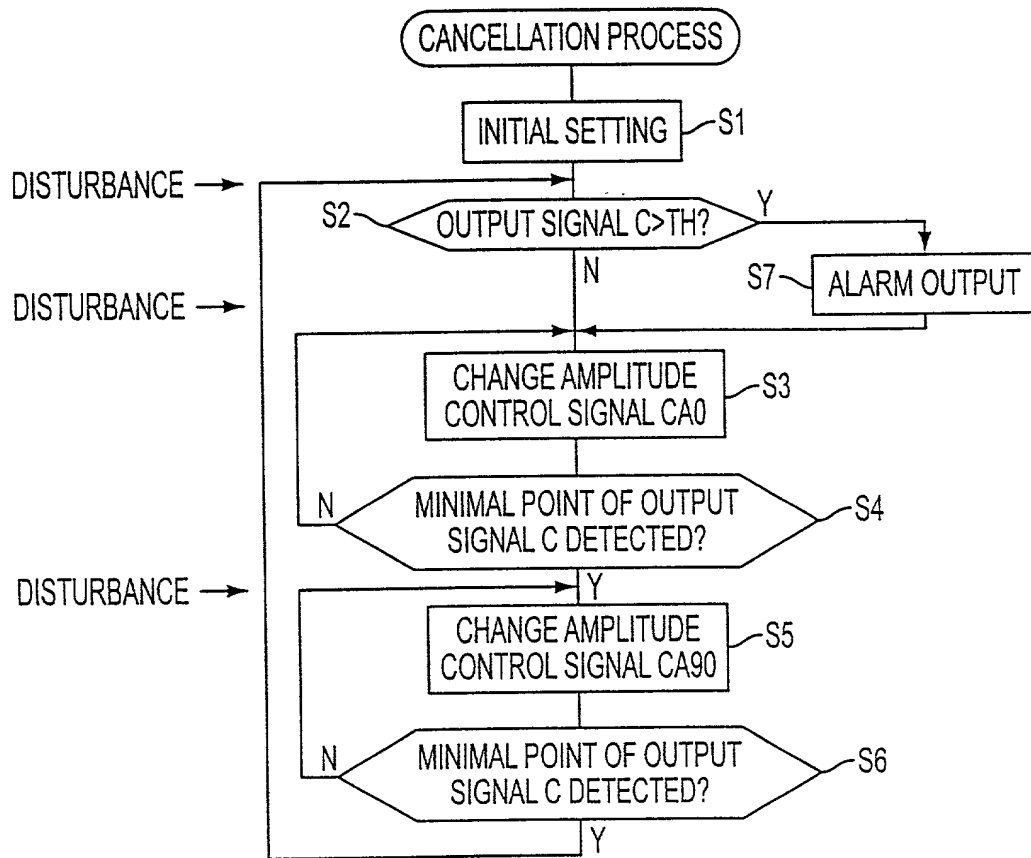


FIG. 5A

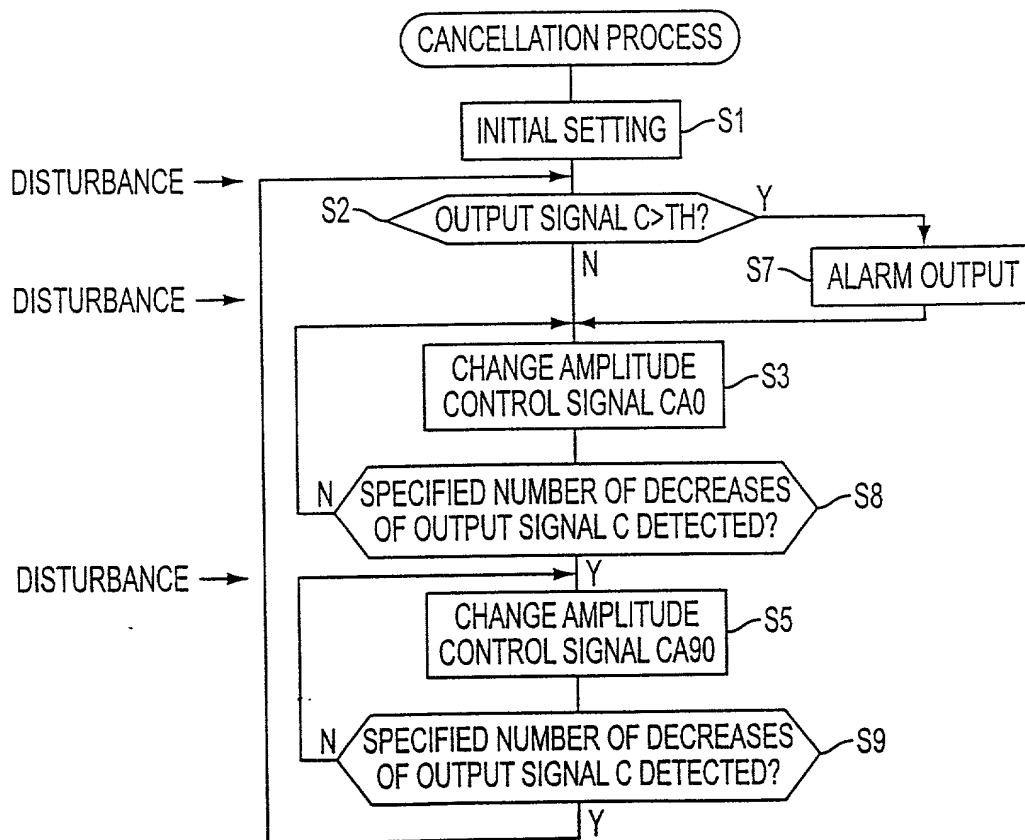


FIG. 5B

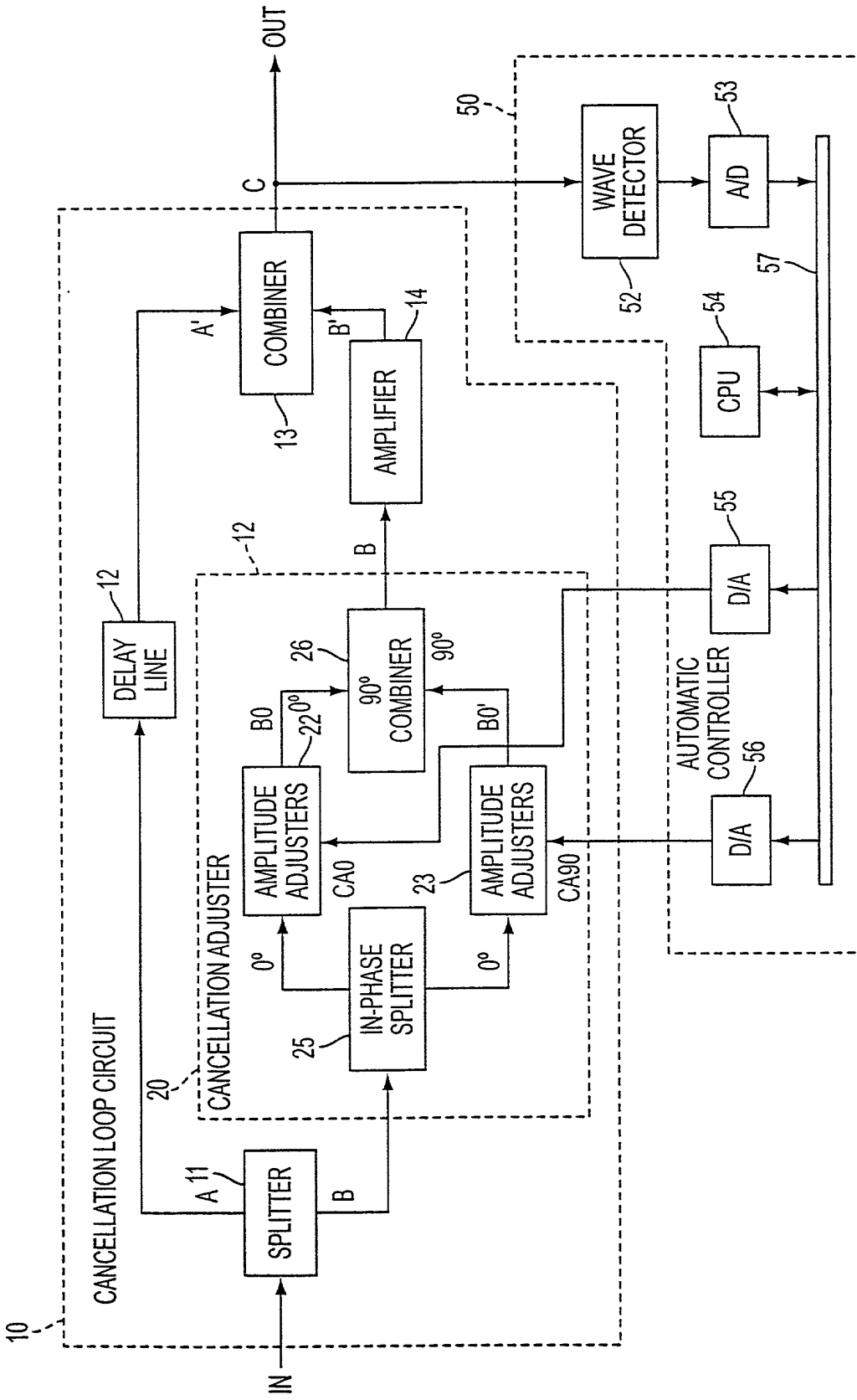


FIG. 6

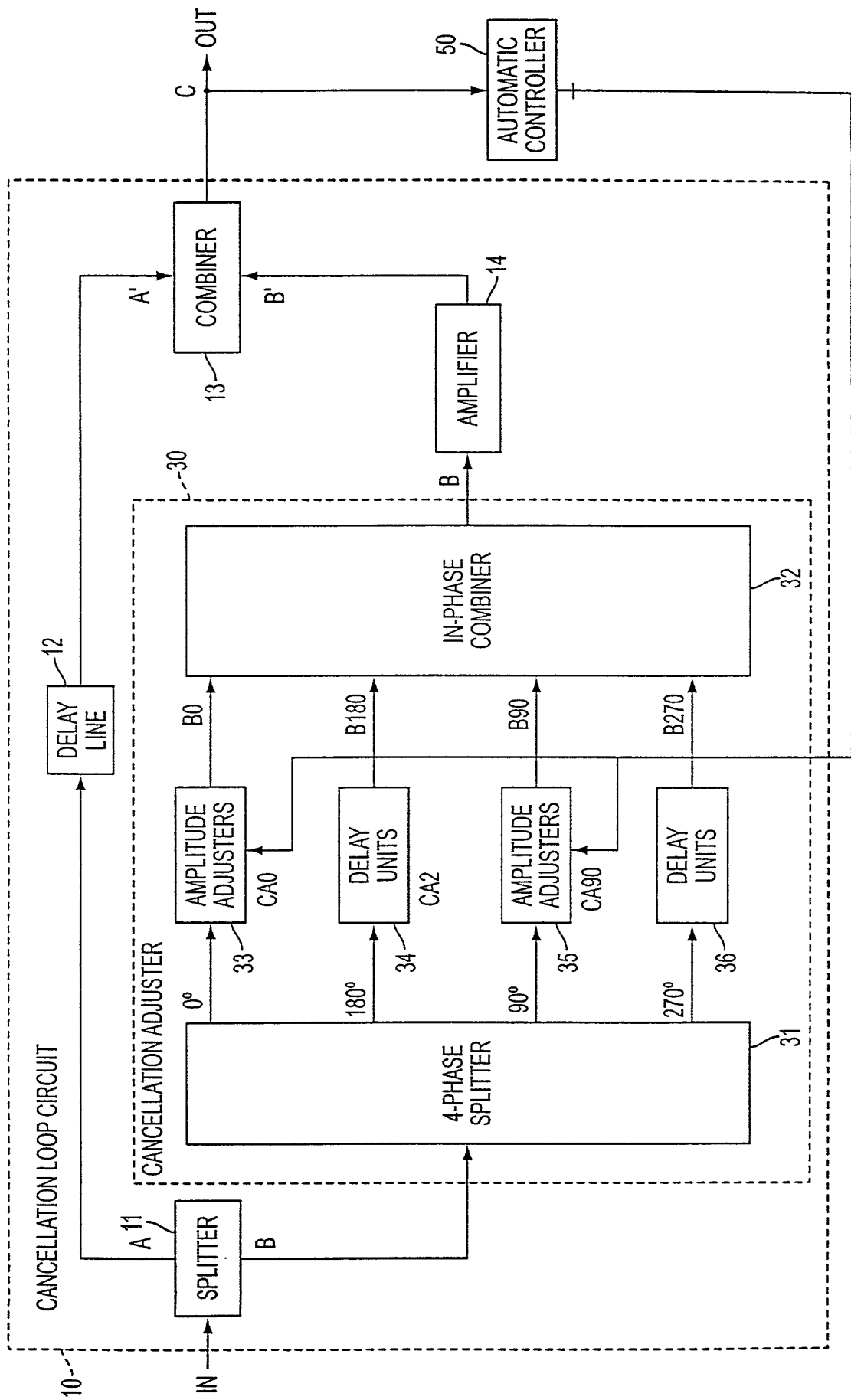


FIG. 7

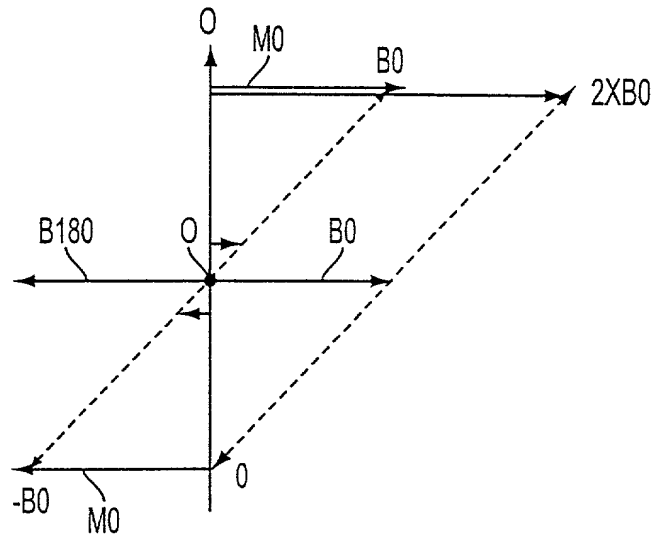


FIG. 8A

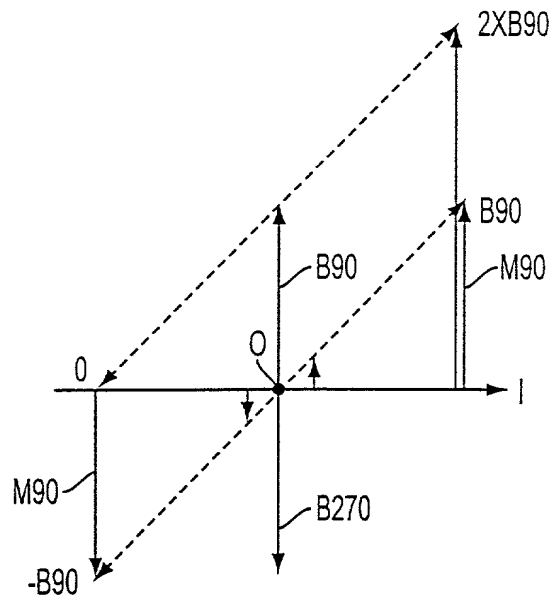


FIG. 8B

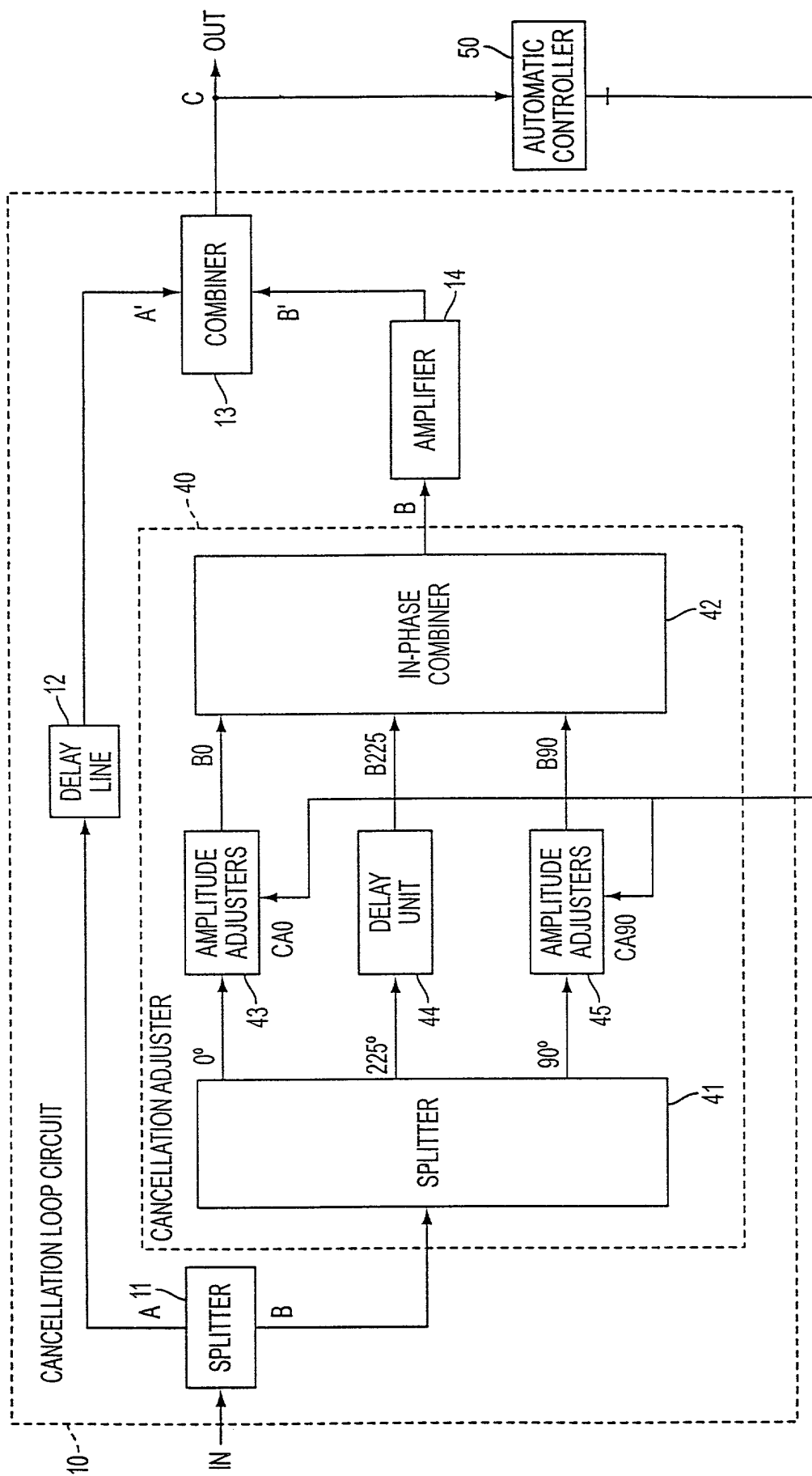


FIG. 9

FIG. 10

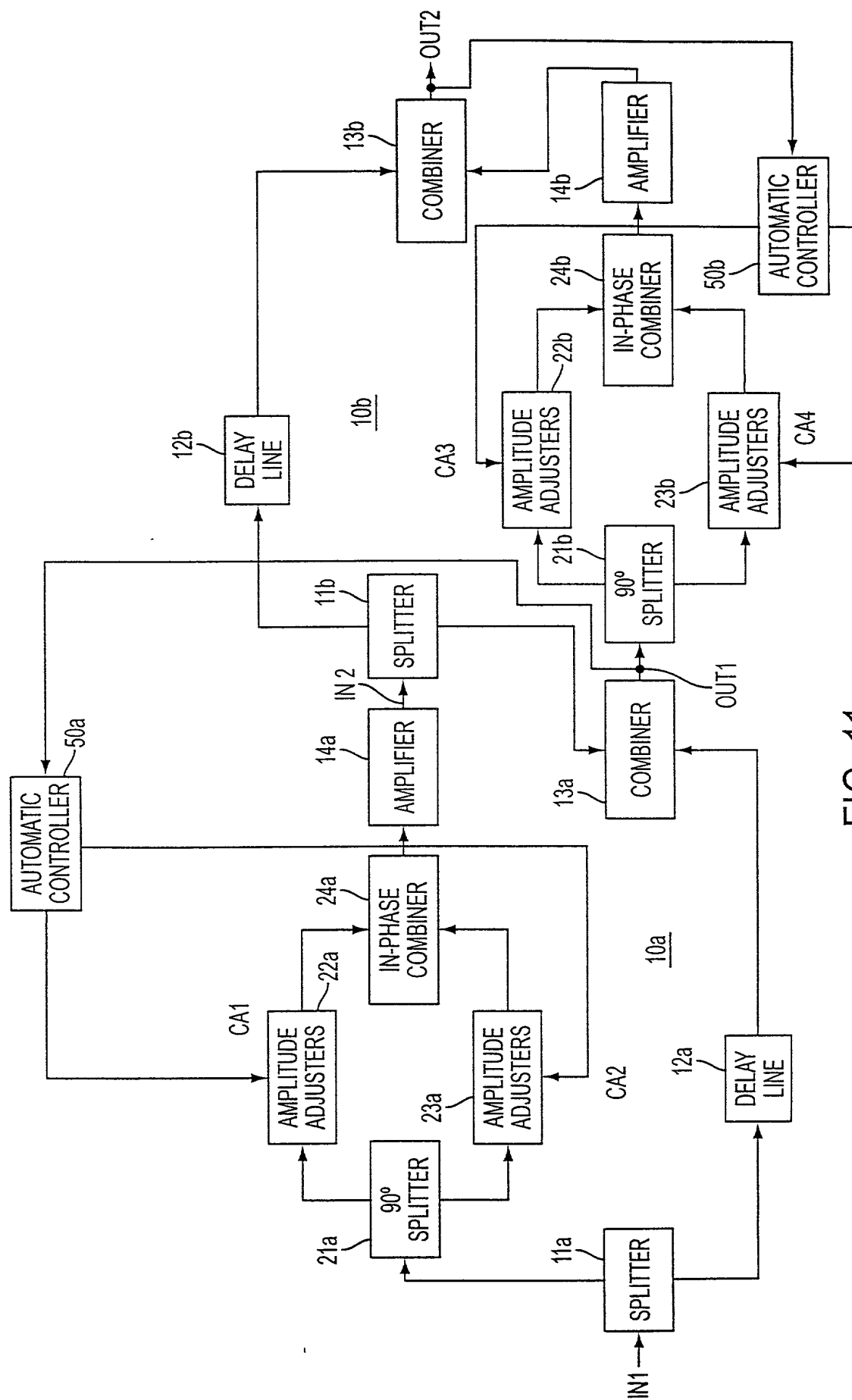


FIG. 11

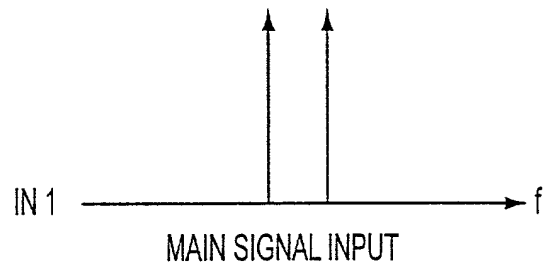


FIG. 12A

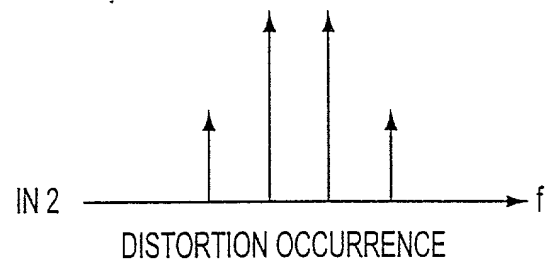


FIG. 12B

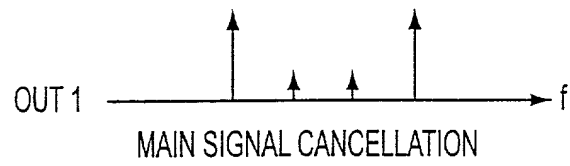


FIG. 12C

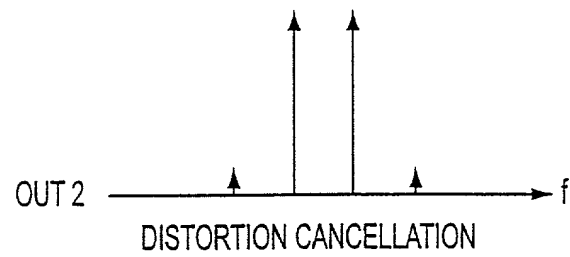
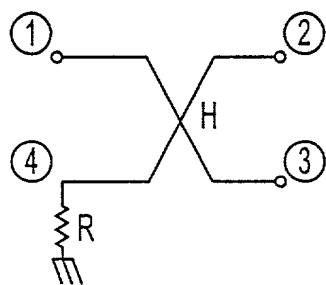
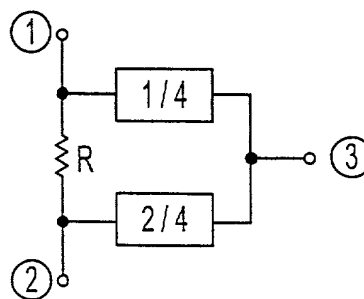


FIG. 12D



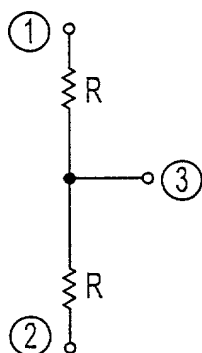
90° SPLITTER-COMBINER

FIG. 13A



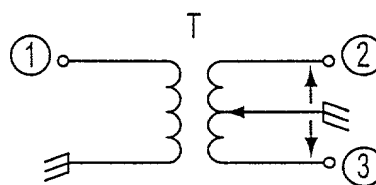
IN-PHASE SPLITTER-COMBINER

FIG. 13B



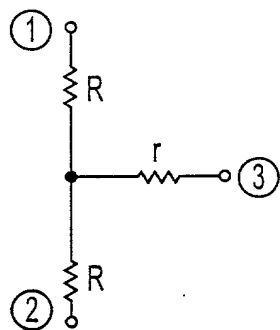
IN-PHASE SPLITTER-COMBINER

FIG. 13C



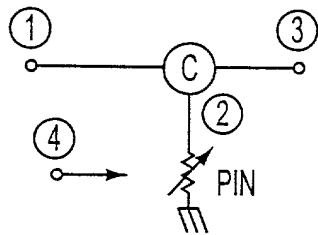
180° SPLITTER-COMBINER

FIG. 13D

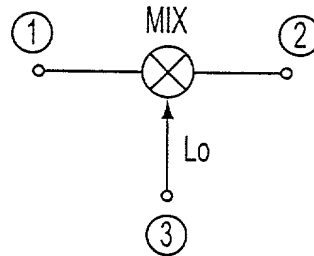


IN-PHASE SPLITTER-COMBINER

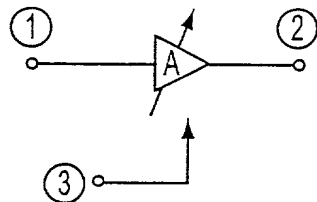
FIG. 13E



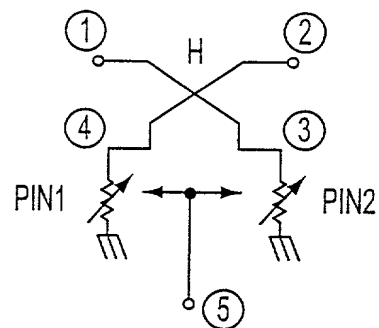
CIRCULATOR TYPE
FIG. 14A



MIXER TYPE
FIG. 14B



GAIN CONTROL TYPE
FIG. 14C



HYBRID TYPE
FIG. 14D

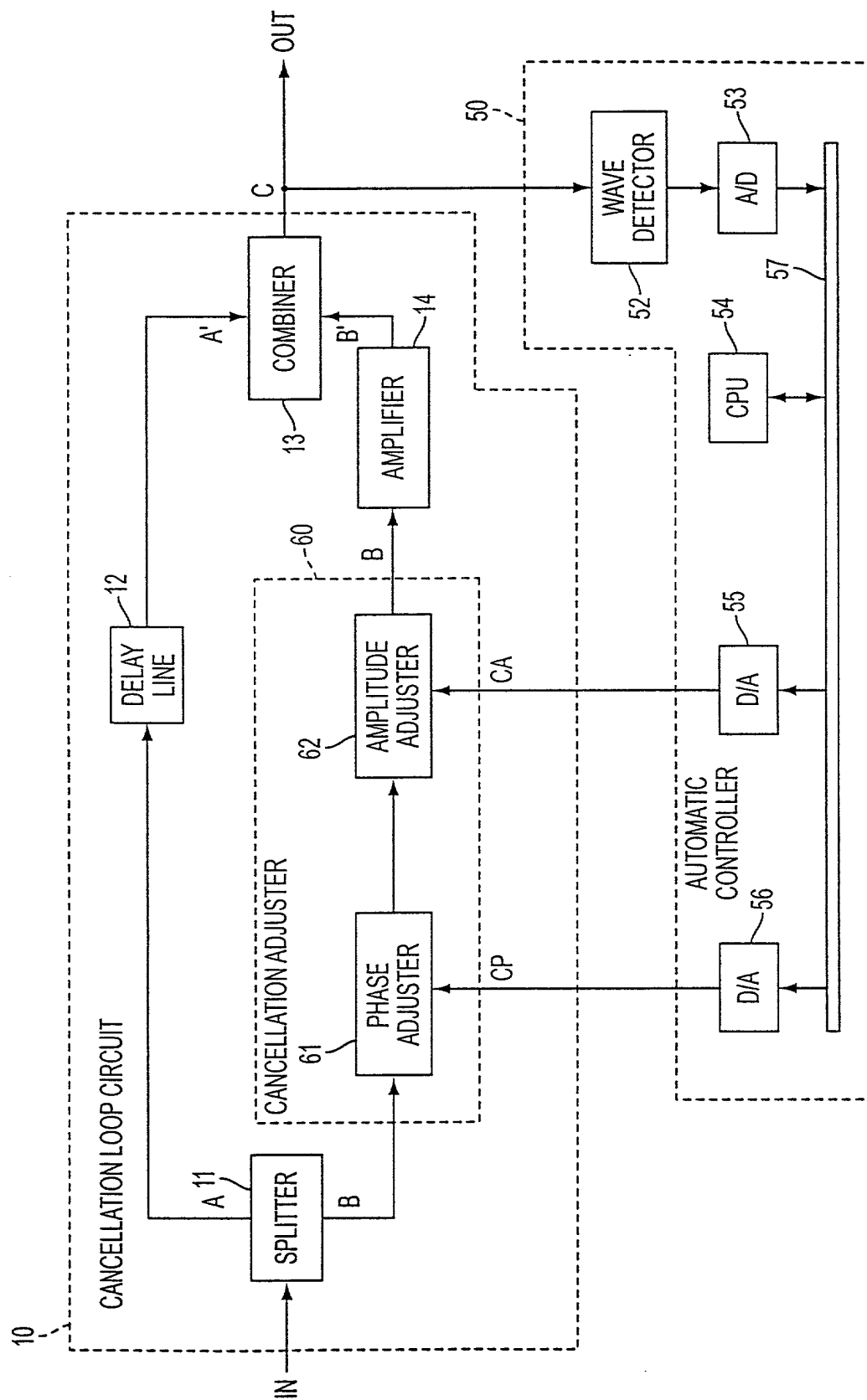
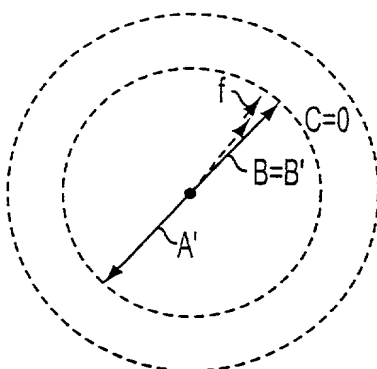
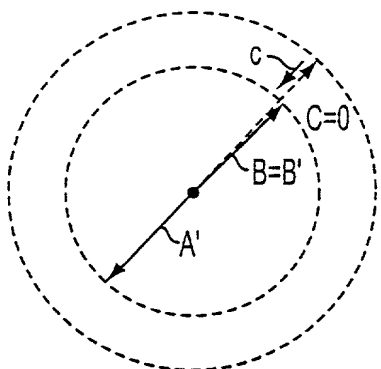
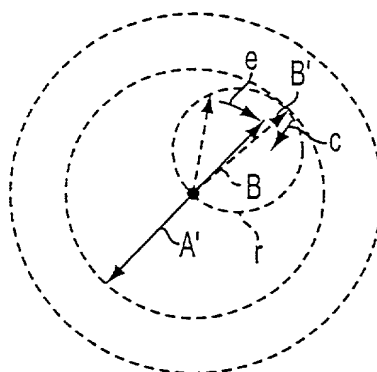
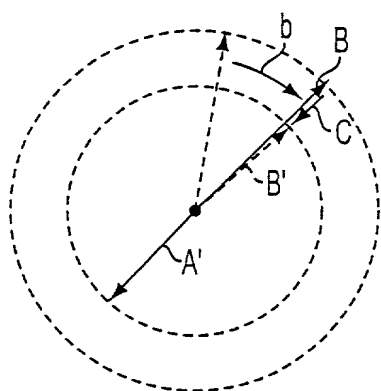
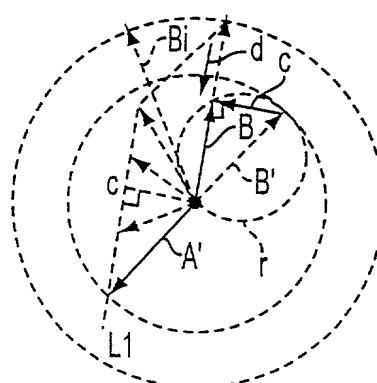


FIG. 15



AMPLITUDE CONTROL
FIG. 16F

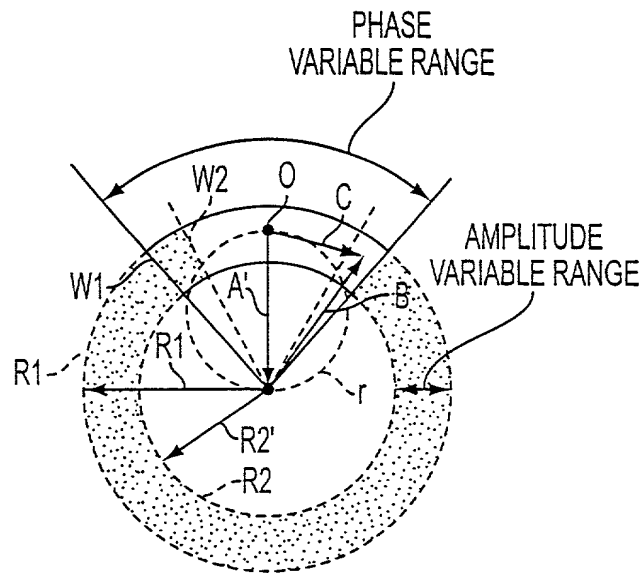


FIG. 17A

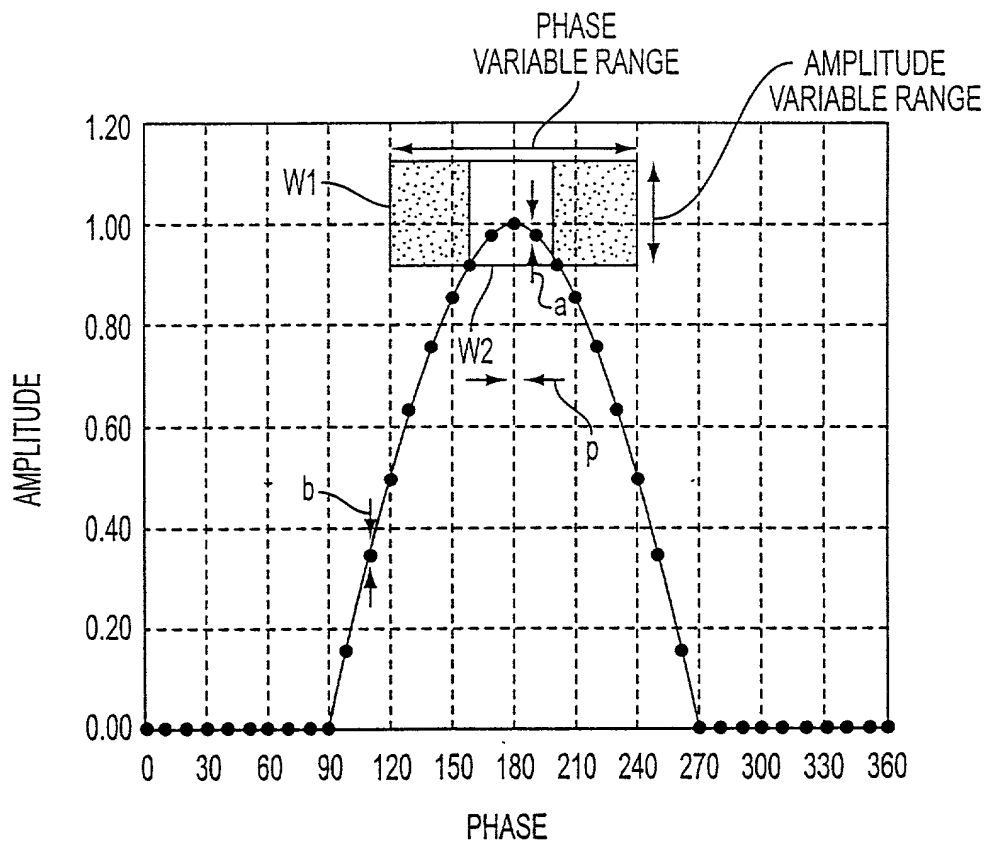


FIG. 17B

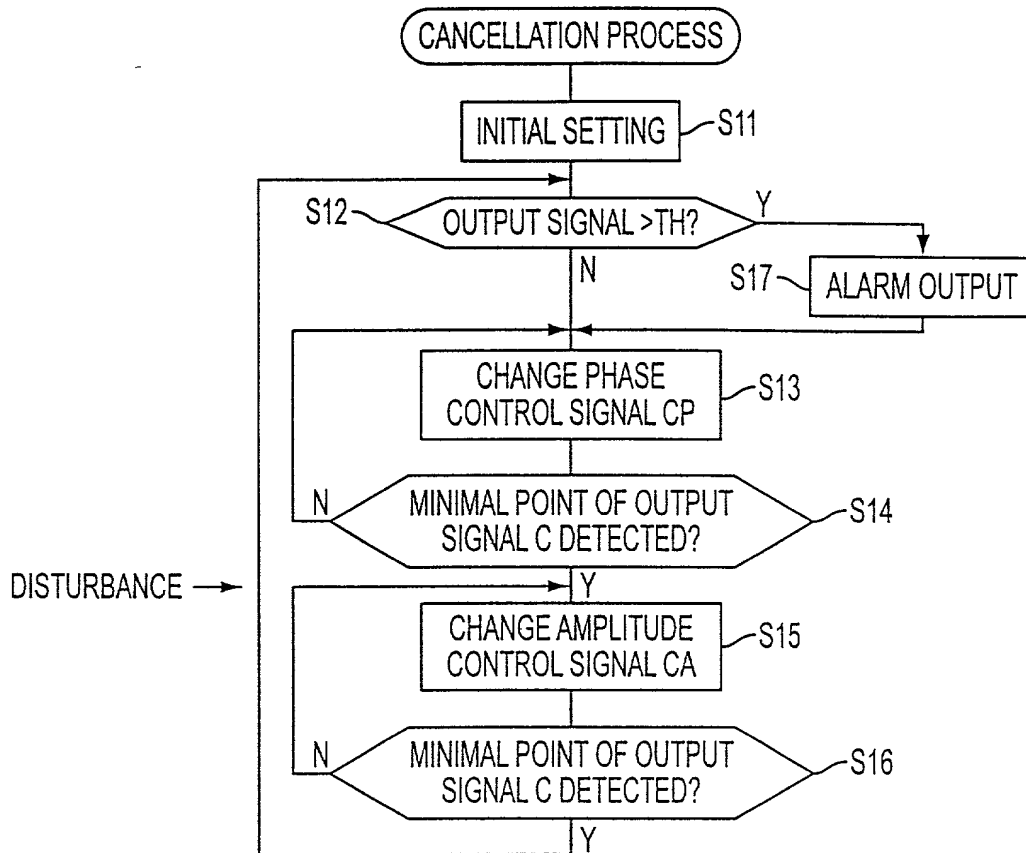


FIG. 18A

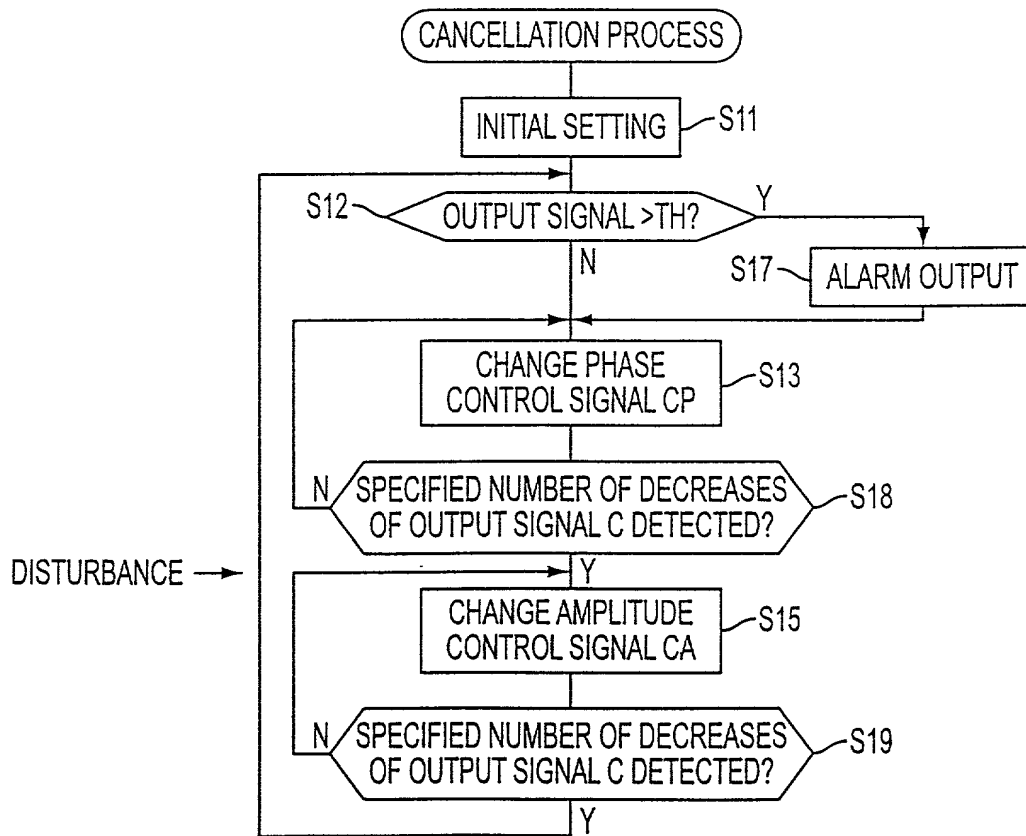


FIG. 18B